

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Rodney E. MASSIE et al.	:	
	:	
Serial No.: unassigned	:	Group Art Unit: unassigned
	:	
Filed: herewith	:	Examiner: unassigned
For:		
		SYSTEM AND METHOD OF QUERYING A DEVICE, CHECKING DEVICE ROAMING HISTORY AND/OR OBTAINING DEVICE MODEM STATISTICS WHEN DEVICE IS WITHIN A HOME NETWORK AND/OR A COMPLEMENTARY NETWORK

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The references listed on sheet 1 of Form PTO-1449 were cited by or submitted to the U.S. Patent and Trademark Office in parent application Serial No. 09/958,752, filed December 29, 2000, which is relied upon for an earlier filing date under 35 USC § 120. Copies of these references are not attached under 37 CFR 1.98(d).

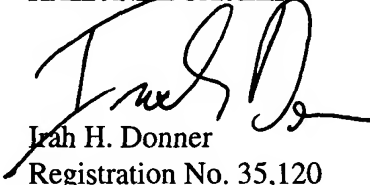
In accordance with 37 C.F.R. §§ 1.97(g) and (h), the filing of this IDS should not be

construed as a representation that a search had been made or that information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item, and Applicant reserves the right to prove that the date of publication is in fact different.

No certification or fee is required. However, the Commissioner is authorized to charge any deficiency in any fees pursuant to 37 CFR § 1.17 associated with this communication and to credit any excess payment to Deposit Account No. 08-0219.

Respectfully submitted,

HALE AND DORR LLP



Ira H. Donner
Registration No. 35,120

1455 Pennsylvania Avenue, NW
Washington, DC 20004

TEL 202.942.8585

FAX 202.942.8484

Date: 7/8/03

IHD/mgm

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 110275.128 US1		SERIAL NO. unassigned	
				APPLICANT MASSIE et al.			
				FILING DATE herewith		GROUP unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5,457,680	10/10/95	Kamm et al.			05/18/93	
	5,703,570	12/30/97	Gorday et al.			08/16/95	
	5,787,357	07/28/98	Salin			06/24/96	
	5,819,172	10/06/98	Campana, Jr. et al.			04/23/97	
	5,974,300	10/26/99	LaPorta et al.			07/30/96	
	6,097,962	08/01/00	Corriveau et al.			05/13/98	
	6,104,712	08/15/00	Robert et al.			02/22/99	
	6,137,791	10/24/00	Frid et al.			03/25/97	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	ARDIS Company. 1994. <i>ARDIS Network Connectivity Guide</i> .						
	Motorola. 1995. <i>DataTAC Open Protocol Specifications: Standard Context Routing Release 1.0</i> . (Doc. No. 68P0425C20-A). Richmond, British Columbia: Motorola, Inc.						
	Motorola. 1995. <i>DataTAC Open Protocol Specifications: User's Guide</i> . (Doc. No. 68P04025C25-A). Richmond, British Columbia: Motorola, Inc.						
	ARDIS Company. 1997. <i>ARDIS DataTac 4000: Software Developers Reference Guide</i> . Revision 2.0.						
	Motorola. 1997. <i>DataTac Wireless Data Networks: Applications Development Guide</i> (Doc. No. 6804111L20-A). Richmond, Virginia: Motorola, Inc.						
	April 5, 2001. International Search Report from PCT Application No. PCT/US00/35513.						
	November 8, 2001. Written Opinion from PCT Application No. PCT/US00/35513.						
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)			ATTY. DOCKET NO. 110275.128 US1		SERIAL NO. unassigned	
			APPLICANT MASSIE et al.			
			FILING DATE herewith		GROUP unassigned	
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,412,292	10/25/83	Sedam et al.			02/17/81
	4,910,794	03/20/90	Mahany			08/04/88
	4,924,462	05/08/90	Sojka			01/03/89
	4,940,974	07/10/90	Sojka			11/01/88
	5,442,568	08/15/95	Ostendorf et al.			11/15/94
	5,475,597	12/12/95	Buck			02/24/93
	5,559,520	09/24/96	Barzegar et al.			09/26/94
	5,561,446	10/01/96	Montlick			02/07/95
	5,603,081	02/11/97	Raith et al.			11/01/93
	5,608,643	03/04/97	Wichter et al.			09/01/94
	5,719,771	02/17/98	Buck et al.			12/01/95
	5,772,599	06/30/98	Nevo et al.			05/09/96
	5,822,216	10/13/98	Satchell, Jr. et al.			09/18/96
	5,835,720	11/10/98	Nelson et al.			05/17/96
	5,859,838	01/12/99	Soliman			07/30/96
	5,878,036	03/02/99	Spartz et al.			12/20/95
	5,884,202	03/16/99	Arjomand			07/20/95
	5,940,771	08/17/99	Gollnick et al.			10/19/95
	5,940,751	08/17/99	Kaplan et al.			06/27/96
	5,941,363	08/24/99	Partyka et al.			07/31/96
	5,963,452	10/05/99	Etoh et al.			09/09/97
	5,974,236	10/26/99	Sherman			08/17/95
	5,978,679	11/02/99	Agre			02/23/96
	6,028,846	02/22/00	Cain			09/11/97
	6,056,194	05/02/00	Kolls			02/27/97
	6,078,891	06/20/00	Riordan et al.			11/24/97
	6,097,947	08/01/00	Takai			04/14/98
	6,116,743	09/12/00	Hoek			09/20/99
	6,128,320	10/03/00	Watanabe et al.			09/30/97
	6,134,671	10/17/00	Commerford et al.			07/31/97
	6,138,022	10/24/00	Strawczynski et al.			07/23/97
	6,178,337	01/23/01	Spartz et al.			06/19/97
	6,185,619	02/06/01	Joffe et al.			11/07/97
EXAMINER			DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)			ATTY. DOCKET NO. 110275.128 US1		SERIAL NO. unassigned	
			APPLICANT MASSIE et al.			
			FILING DATE herewith		GROUP unassigned	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
	WO 97/47144	12/11/97	WO			X
	EP 0 809 383	11/26/97	Europe			X
	EP 0 967 775	12/29/99	Europe			X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
	December 1993. "Software Product Description: RoamAbout Transport Version 2.0 for MS-DOS and MS-Windows." <i>digital</i> .					
	Motorola. September 1995. <i>Wireless Data Communications: The Choices</i> . Bothell, Washington: Motorola, Inc.					
	Motorola. November 1995. <i>DataTAC Open Protocol Specifications: DataTAC Messaging Release 1.0</i> . (Doc. No. 68P04025C10-A). Richmond, British Columbia: Motorola, Inc.					
	Stilwell, Markus. November 16, 1995. <i>What is Data Mining?</i> www.cs.usask.ca/homepages/grads/mgs310/Cmpt826S3/node5.html .					
	Motorola. January 1996. <i>DataTAC Networks: Introduction for Application Developers</i> . (Doc. No. 6804111L12-O). Bothell, Washington: Motorola, Inc.					
	Noble, B., G. Nguyen, M. Satyanarayanan and R. Katz. October 1996. "Mobile Network Tracing." <i>Internet RFC/STD/FYI/BCP Archives</i> . Doc. No. RFC2041.					
	ARDIS Company. January 1997. <i>ARDIS DataTac 4000: Software Developers Reference Guide</i> . Revision 2.0					
	Moss, Julian. September 1997. "Understanding TCP/IP." <i>PC Network Advisor</i> , Issue 87, pp. 3-6.					
	Motorola. November 1997. <i>DataTAC Wireless Data Networks: Application Development Guide</i> . (Doc. No. 6804111L20-A). Bothell, Washington: Motorola IPSPG.					
	Motorola. 1997. "Multiple Agencies Share New System in Peel Region." <i>Exchange Online</i> . www.motorola.com/LMPS/RNSG/exchange/spr97/index.html .					
	Fabris, Peter. May 15, 1998. "Advanced Navigation." <i>CIO Magazine</i> .					
	Kessler, Gary C. April 23, 1999. "An Overview of TCP/IP Protocols and the Internet." Hill Associates, Inc.					
	July 19, 1999. "American Mobile to Deliver Wireless Telemetry Applications Through Partnerships with CA and cStar Technologies; ARDIS Network to be Utilized for Monitoring Remote Devices; Vending Machines, Utility Meters, Traffic Lights and ATMs Targeted." <i>In The News</i> . 1999 Press Releases. Motient Corporation. www.motient.com/Content/IntheNews/PressReleases/1999PressReleases/99-20.html .					
	Greiner, Lynn. August 27, 1999. "Online Management Becomes the Real Thing." <i>Computer Dealer News</i> . www.cstartech.com/real_thing1.html .					
	November 7, 1999. "How ARP Works & Why Duplicate Addresses Shouldn't Be Used." <i>Microsoft Product Support Services</i> . wysiwyg://85/http://support.microsoft.com/support/kb/articles/Q93/5/58.A .					
	Computer Associates. 1999. "Unicenter TNG: Total Enterprise Management." Islandia, New York: Computer Associates International Inc.					
EXAMINER			DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)	ATTY. DOCKET NO. 110275.128 US1	SERIAL NO. unassigned
	APPLICANT MASSIE et al.	
	FILING DATE herewith	GROUP unassigned
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	Salkintzis, Apostolis K. 1999. "A Survey of Mobile Data Networks." <i>IEEE Communications Surveys</i> . Third Quarter 1999, vol. 2, no. 3.	
	1999. "Overview of IPM." Cisco Systems Inc. http://www.cisco.com/univercd/cc/td/doc/p...rtrmgmt/ipmcw2k/ipm20/ipmug20/ipmover.html .	
	Motorola. March 2000. <i>DataTAC 5000 System Release 6.1: Application Programmer's Guide</i> (Doc. No. 68P04053C04 REV1). Richmond, British Columbia: Motorola, Inc.	
	Fonseca, Brian. April 11, 2000. "Computer Associates touts its Unicenter platform for device management." <i>Infoworld.com</i> . www.infoworld.com/cgi-bin/deletefr...cles/en/xml/00/4/000411encamobile.xn .	
	April 11, 2000. "Computer Associates and American Mobile Satellite Corp. Extend Wireless Enterprise Applications for eBusiness: Mobile eBusiness Applications Take Off with ARDIS Wireless Data Network Seamlessly Integrated With CA's Unicenter TNG." <i>Press Room</i> . wysiwyg://235/http://www.ca.com/press/2000/04/tng_americanmobile.html .	
	April 11, 2000 "Computer Associates and Motient Extend Wireless Enterprise Applications for eBusiness." <i>AboutMotient</i> . www.motient.com/content/aboutmotient/businesspartners/ca.html .	
	April 11, 2000. "Computer Associates Dispenses New Revenue Opportunities for the Vending Machine Industry With Unicenter TNG Optimal Vending Solution: CA and cStar Partner to Deliver Increased Customer Service Levels and Reduced Operational Costs With Remote eBusiness Management Application." <i>Press Room</i> . wysiwyg://231/http://www.ca.com/press/2000/04/tng_vending.html .	
	Casselman, Grace. May 5, 2000. "Net Mania Abounds at CA World." <i>NetworkWorld</i> . www.itworldcanada.com/nw/archive/nw10-09/nw_Wtemplate.cfm?filename=n109n2.html .	
	Menezes, Joaquim. May 26, 2000. "Enterprise Computing." <i>Computing Canada, The Newspaper for Information Technology Management</i> , Volume 26, Issue 11. www.cstartech.com/enterprise2.html .	
	Hyppönen, Mikko. September 2000. "WAP and Viruses – Can your Mobile Phone Get Infected?" <i>Virus Bulletin Conference</i> . Virus Bulletin Ltd, The Pentagon, Abingdon, Oxfordshire, England.	
	September 2000. "Creating Internet Wave III by Connecting Non-IT World to IT World Via any Media [Wireless WAN, LAN, Landline & PLC (power Line Carrier)]." <i>CStar Technologies Inc</i> . www.startech.com/newpg.htm .	
	September 2000. "DirectGate™, Features & Benefits." http://www.cstartech.com/ben.html .	
	September 2000. "Enterprise Management Strategy: Managing the Extended Enterprise." <i>Unicenter TNG</i> . Computer Associates International, Inc. http://cai.com/products/unicent/whitepap.html .	
	September 2000. "SNA." <i>ATM Protocol Directory</i> . http://www.protocols.com/pbook/sna.html .	
	September 2000. "System Performance & Hardware Platform." http://www.cstartech.com/hard.html .	
	September 2000. "Vending." <i>Rutherford & Associates</i> . www.ruthsx.com/products/vending.html .	
	September 2000. "X.25." <i>ATM Protocol Directory</i> . http://www.protocols.com/pbook/x25.html .	
	Pentikousis, Kostas. 2000. "TCP In Wired-Cum-Wireless Environments." <i>IEEE Communications Surveys</i> . Fourth Quarter 2000, pp. 2-14.	
	Sevitt, Carol. 2000. "Solbyung (Stella) Yoon: Living Her Dream." <i>Rotman Management: The Alumni Magazine of the Rotman School of Management</i> . www.cstartech.com/rotmanm.html .	
EXAMINER	DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)	ATTY. DOCKET NO. 110275.128 US1	SERIAL NO. unassigned
	APPLICANT MASSIE et al.	
	FILING DATE herewith	GROUP unassigned
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	Fairhurst, Gorry. January 1, 2001. "Address Resolution Protocol (arp)." www.erg.abdn.ac.uk/users/gorry/course/inet-pages/arp.htm .	
	Unger, Lorin. February 14, 2001. "Blackberry 957." <i>Wap.com</i> . wysiwyg://165/http://www.wap.com/share/osas/cache/artid500407.html .	
	Gagnon, Louis-Philippe and Nick Ratelle. February 28, 2001. "RIM: Pager gone PDA". Macadamian Technologies Inc. www.macadamian.com/column/rimdeveloment.htm .	
	March 27, 2001. "Overview: Cisco Wireless Network Management Suite 1.0." http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/wireless/nm_suite.html .	
	May 23, 2001. "ARP." <i>Enterprise Storage Strategies Conference & EXPO</i> . internet.com. wysiwyg://69/http://www.pcwebopedia.com/TERM/A/ARP.htm .	
	Kessler, Gary C. May 29, 2001. "An Overview of TCP/IP Protocols and the Internet."	
	October 3, 2001. "TCP/IP and IPX routing Tutorial." <i>Sangoma Technologies</i> .	
	Hays, Constance L. October 23, 2001. "For Retailers of Luxury Goods, Business Has Dried Up." <i>CBSMarketWatch.com</i> .	
	Flack, Marjorie. 2001. "The Story of the PING Program." http://ftp.arl.mil/~mike/ping.html .	
	Motorola. 2001. "Vanguard Applications Ware Serial Feature Protocols: TPDU Protocol." Mansfield, Massachusetts: Motorola, Inc. pp. 1-101.	
	2001. "Research In Motion: RIM 850 Wireless Handheld." <i>GoAmerica: Wire Data Solutions</i> . Wysiwyg://127/http://www.goamerica.net/showcase/rim850/index.htm .	
	2001. "Technical Information: Routing Requirements on the Motient Network." <i>PARTNERAREA</i> . www.motient.com/content/partnerarea...program/technicalinformation/technical .	
	2001. "Understanding ARP: A NetworkUptime.com Tutorial." <i>Network Tutorials</i> . www.networkuptime.com/tutorials/arp .	
	Jarosik, Michael. "The Wireless Battleground." <i>Business unplugged: [part3]</i> .	
	McMahan, Michael L., Ali Khatzibadeh and Pradeep Shah. "Wireless Systems and Technology Overview." Dallas, Texas: Texas Instruments.	
	Stallings, William. "Data and Computer Communications." <i>Electronic Mail—SMTP and Mime</i> . MacMillan, 5 th edition, pp. 701-724.	
	"Ping." <i>Connected: An Internet Encyclopedia</i> . wysiwyg://75/http://www.freesoft.org/CIE/Topics/53.html .	
	"Unicenter TNG® Optimal Vending Solution." <i>Real World Management Solutions</i> .	
EXAMINER	DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.